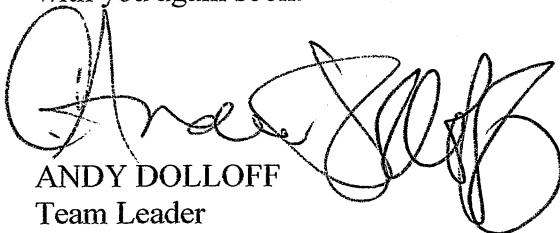


**File Code:** 2600  
**Route To:****Date:** December 17, 2015**Subject:** Road-stream crossing inventory, 2015**To:** District Ranger, Francis Marion District

The Francis Marion and Sumter National Forests (FMS) are currently mapping water flow on the Francis Marion Ranger District to identify stream and wetland remediation projects, road system maintenance projects, and other opportunities for watershed improvements. A critical component in the mapping effort is locating structures such as culverts and cross-drain pipes that can pass water beneath road beds. In 2014, the Forest Service Southern Research Station Center for Aquatic Technology Transfer (CATT) partnered with an interdisciplinary team from FMS to develop and test methods for locating pipes buried beneath roads. In winter 2014-2015, we deployed field crews to inventory cross-drain pipes and assess fish passage at stream crossings on over 700 miles of District roads.

CATT field crews located and described nearly 3,900 structures beneath District roads. The FMS Supervisor's Office is already in possession of the information collected at these structures. In addition we assessed over 150 stream crossings for fish passage. We recently completed an analysis of the fish passage surveys and submitted a project database, GIS, and photos to our primary contacts at the FMS Supervisor's Office: GIS Program Manager, Geoff Holden; Forest Engineer, Larue Bryant; and NEPA Coordinator, Jim Knibbs.

If you have any questions regarding this project or if you require additional assistance from CATT please contact Craig Roghair (croghair@fs.fed.us, 540 230-8126). A full description of CATT services is available at: <http://www.srs.fs.usda.gov/catt/>. We look forward to working with you again soon.



ANDY DOLLOFF  
Team Leader

